

INDUSTRIAL SOLID WASTE DISPOSAL SITE PERMIT APPLICATION

Nevada Division of Environmental Protection
Solid Waste Branch

Instructions: Complete Sections I & II, attach the supporting information described in Section III, and sign Section IV.

Section I. Applicant Information

1. Land Owner

Name: _____

Address: _____

City: _____ State: ____ Zip Code: _____

Phone: (____) _____

2. Operator

Name: _____

Address: _____

City: _____ State: ____ Zip Code: _____

Phone: (____) _____

3. Authorized Agent

Name: _____

Address: _____

City: _____ State: ____ Zip Code: _____

Phone: (____) _____

Section II. Facility Information

1. Location

Name: _____

County: _____ Town/Range/Sect: _____

Address: _____

City: _____ Zip Code: _____

Phone: (____) _____

Section III. Supporting Information

All information required by NAC 444.733 (listed below), must be submitted as supporting information to this application.

- 1.Proof of ownership of the land on which the site is/or will be located
- 2.Waste Characterization Plan
- 3.Design Report
- 4.Water Monitoring Plan
- 5.Operating Plan
- 6.Closure Plan
- 7.Post-closure Maintenance Plan
- 8.Financial Assurance Documentation

Report Contents

Content requirements of the reports and plans are specified below:

Waste Characterization Report

The plan to characterize the waste must be sufficient to:

- 1.Determine that the waste is not a hazardous waste.
- 2.Identify physical and chemical characteristics of the waste which may create an environmental hazard or threaten the health of the general public.
- 3.Provide for the periodic characterization of the waste stream as needed.

Design Report

- 1.A general location map showing land use and zoning within 1 mile of the disposal site
- 2.Include a topographic map of the area which must:
 - a.At a scale of not more than 200'/inch, contour intervals no greater than 5'
 - b.Indicate the proposed fill areas.
 - c.Show the proposed soil borrow areas.
 - d.Show access roads.
 - e.Show a typical cross section of a lift.
 - f.Show grades for proper drainage of each lift.
 - g.Show the placement of special devices for drainage and controlling gas, if required.
 - h.Show fencing, equipment shelter, employee facilities, and other site development data.
- 3.Define the anticipated types, quantities, and sources of solid wastes to be disposed of
- 4.Demonstrate that the design is sufficient to protect the waters of the state. The demonstration must consider:
 - a.The hydrogeologic characteristics of the site and surrounding area.
 - b.The climatic factors of the area.
 - c.The volume and physical and chemical characteristics of predicted leachate generation.
- 5.Define the source, type, and quantity of cover material.
- 6.Include proof of compliance with the requirements relating to the control of surface water set forth in NAC 444.6885 and NAC 444.6887.
- 7.The signature of a professional engineer registered in Nevada.

Water Monitoring Plan

The water-monitoring plan must provide a complete description of a system capable of monitoring the performance of the design of the site, including monitoring of the unsaturated zone or groundwater depending on local conditions.

1. The plan must:
 - a. Identify the location and construction of monitoring points.
 - b. Specify monitoring parameters and the frequency of monitoring those parameters.
 - c. Specify procedures for quality assurance for all field and laboratory work.
 - d. Provide for the semiannual submittal of monitoring data to the division.
 - e. Establish procedures that must be used if monitoring provides evidence of potential design failure.
2. The division may suspend groundwater-monitoring requirements if the owner or operator demonstrates that there is no reasonable potential for migration of pollutants or contaminants from the site to waters of the state.

Operating Plan

1. Include a description of the equipment and positions necessary to operate the site.
2. Provide for adequate fire control methods.
3. Provide for the prevention of scattering of papers and other lightweight debris by portable litter fences or other suitable devices.
4. Provide for the disposal of any special wastes specifically permitted by the Solid Waste Management Authority in the site's permit.
5. Demonstrate how the site will comply with the requirements in NAC 444.686 to 444.7025, inclusive, and NAC 444.6665 to 444.6678, inclusive.
6. Include the steps to be taken in the event of unforeseen circumstances that may occur at the facility. The steps shall provide for an organized, planned and coordinated, technically and financially feasible course of action to be taken, and must address:
 - a. A fire at the facility.
 - b. Facility shutdown due to natural events.
 - d. Equipment breakdown.
 - e. Release of hazardous or toxic materials.
 - f. Presence of leachate in collection structures and storage tanks or surface impoundment leaks or spills.

Closure Plan

- 1.A description of the steps necessary to close all municipal solid waste landfill units at any point during their active life.
- 2.A description of the final cover consistent with the requirements of NAC 444.6891.
- 3.An estimate of the largest area of the municipal solid waste landfill unit that would require final cover at any time during the active life of the landfill should the site be closed.
- 4.An estimate of the maximum inventory of wastes ever onsite over the active life of the landfill facility.
- 5.Identification of equipment and structure removal, decommissioning, and decontamination.
- 6.Placement and installation of water, vadose zone, and landfill gas monitoring devices, and landfill gas control devices, as needed.
- 7.A schedule for completing all closure construction activities necessary to satisfy closure requirements.

Post-closure Maintenance Plan

A post-closure maintenance plan specifies how the municipal solid waste landfill unit will be maintained and monitored and at what frequency during the post-closure maintenance period in accordance with NAC 444.6896. It must include:

- 1.A water monitoring program consistent with the requirements of NAC 444.7481 to 444.7499, inclusive.
- 2.An inspection and maintenance program for the final cover, drainage and flood protection structures, and landfill gas monitoring and control system.
- 3.Name, address, and telephone number of the person or office to contact about the facility during the post-closure period.
- 4.A description of the planned uses of the property during the post-closure period.

Financial Assurance

The mechanisms used to demonstrate financial assurance must ensure that the funds necessary to meet the costs of closure, post-closure care, and corrective action for known releases will be available whenever they are needed. The options for demonstrating financial assurance are listed in NAC 444.68525.

Section IV. Certification

1. I certify that I am familiar with the information contained in the application and I believe that the information provided in this application is complete and accurate.

Printed Name of Owner

Title or Authority of Signator

Legal Signature

Date of Signing

2. Send the completed application and supporting information to:

Nevada Division of Environmental Protection
Bureau of Waste Management/Solid Waste Branch
333 W. Nye Lane, Room 138
Carson City, NV 89706-0851

For more information please call (775) 687-9472